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Date: September 18, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Before the Board of Patent Appeals and Interferences

Applic. No.

09/940,092

Confirmation No.:

Inventor

Siegfried Kamlah

Filed

Title

August 27, 2001

Anti-Theft System for a Motor Vehicle and Method for Operating the Anti-Theft System

TC/A.U.

2635

Examiner

Kimberly Y. Jenkins

Customer No.

24131

AMENDED BRIEF ON APPEAL

Mail Stop Appeal Brief - Patents Hon. Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Notification of Non-Compliant Appeal Brief dated August 28, 2006, Appellant submits this Amended Brief on Appeal.

More specifically, an amended "Summary of the Claimed Subject Matter" is provided.

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Summary of the Claimed Subject Matter:

Claim 1 of the instant application recites an anti-theft system for a motor vehicle, comprising:

a vehicle-mounted transceiver unit (1) for emitting an interrogation signal (see Fig. 1 and page 8, lines 6-8 of the specification), said transceiver unit (1) having an antenna unit (6) emitting a wave having one of an elliptical polarization and a circular polarization and the wave including the interrogation signal (see page 10, lines 1-3 of the specification);

a portable code transmitter (2) transmitting back a response signal only after receiving the interrogation signal having one of the elliptical polarization and the circular polarization (see Fig. 3 and page 8, lines 9-15 of the specification); and

a vehicle-mounted evaluation unit (3) receiving and checking an authorization of the response signal and upon the response signal providing proper authorization (see Fig. 1 and page 8, lines 17-18 and page 9, lines 3-5 of the specification), said vehicle-mounted evaluation unit (3) evaluating a received signal and comparing a code content of the received signal

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with a stored value only after receiving a circularly polarized or elliptically polarized signal (see page 9, lines 3-9 and page 15, lines 7-15 of the specification), said evaluation unit one of triggering and enabling vehicle-specific functions (see page 3, lines 24-25 of the specification).

Claim 4 of the instant application recites a method for operating an anti-theft system, which comprises the following steps:

using a vehicle-mounted transceiver unit (1) for emitting an interrogation signal provided in a wave having an elliptical polarization or a circular polarization (see page 10, lines 1-3 of the specification);

receiving the interrogation signal having the elliptical polarization or the circular polarization in a portable code transmitter (2);

transmitting back a response signal by the code transmitter

(2) only if at least two field components of the interrogation signal which are different in their spatial direction are received (see Fig. 3 and page 8, lines 9-15 of the specification); and

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evaluating a received signal and comparing a code content of the received signal with a stored value using a vehiclemounted evaluation unit (3) only after receiving a circularly polarized or elliptically polarized signal (see page 9, lines 3-9 and page 15, lines 7-15 of the specification).

Claim 7 of the instant application recites a method for operating an anti-theft system, which comprises the following steps:

receiving an interrogation signal in a wave having an elliptical polarization or a circular polarization in a portable code transmitter (2) and subsequently transmitting back a response signal as a wave having an elliptical polarization or a circular polarization (see Fig. 3 and page 8, lines 9-15 of the specification); and

recognizing the response signal as being authorized by a vehicle-mounted transceiver unit (1) only after receiving a circularly polarized or elliptically polarized signal and only if, at least two field components of the response signal which are different in their spatial direction are received and, a coded information item contained in the response signal corresponds to a coded information item expected by the

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vehicle-mounted evaluation unit (3) (see page 9, lines 3-9 and page 15, lines 7-15 of the specification).

Respectfully submitted,

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